Courses meeting the criteria for graduation requirements beginning with the Class of 2011

Language Arts - Three courses from the Foundations **plus** one from the Applied and Advanced list

Foundation Courses	Applied and Advanced Courses	
English 9	Literary Magazine	Forensics/Debate
English 10	Humanities	Technical Writing
English 11	Journalism 1 and 2	School Newspaper
	AP Literature and Composition	Creative Writing 1 and 2
	AP Language and Composition	Literature
	Basic Writing Skills - UBSCT	Business Communication
	Basic Reading Skills – UBSCT	World Languages 3, 4, or AP
	12th Grade Language Arts	Debate
	College Prep Language Arts	Concurrent Enrollment Course*

Mathematics – Elementary Algebra and Geometry **plus** one course from the Applied and Advanced list

Foundation Courses	Applied, Advanced or Supplemental Courses	
Elementary Algebra or	Intermediate Algebra	Algebra A
Algebra A and B, or	Pre-calculus	Geometry A
Applied Mathematics I	AP Calculus AB	Mathematics of Personal Finance
	AP Calculus BC	Senior Mathematics Review for College
Geometry or	AP Statistics	
Geometry A and B or	Basic Math Skills – UBSCT	Quantitative Analysis
Applied Mathematics II	Mathematics Prep – ACT / SAT	Applied Mathematics III
	Accounting I and II	Discrete Mathematics
	Intuitive Calculus	Statistics & Probability
	Computer Programming	Concurrent Enrollment*

Science – Courses from two of the four areas of science on the Foundation Courses list **plus** an additional course from the Foundation Courses list or Applied and Advanced Courses list

Foundation Courses	Applied or Advanced Courses	
Biology	Aquaculture	Anatomy and Physiology
Human Biology	Animal Science	Biotechnology
Biology – Agricultural Science	Plant Science	Botany
Technology	Agricultural Science	Marine Biology
AP Biology	Plant and Soil Science	Physiology
	Natural Resource Management	Zoology
Chemistry	Applied Biology and Chemistry	Geology
AP Chemistry	Astronomy	Meteorology
	Pre-Engineering	Ecology
Earth Systems Science	Electronics	Wildlife Management
AP Environmental Science	Medical Anatomy and Physiology	Environmental Science
		Concurrent Enrollment*
Physics		
Physics with Technology		
AP Physics		

*Concurrent enrollment courses offered from college/university language arts, mathematics, and science departments

NOTE: Teachers currently meeting state license and endorsement requirements for an approved applied or advanced course are qualified to teach that course.

Applied, advanced and supplemental courses may be added to the appropriate list using the following procedure and criteria.

Language Arts

Determined by the local school board and approved by USOE, using the following criteria.

(i) courses are within the field/discipline of language arts with a significant portion of instruction aligned to language arts content, principles, knowledge, and skills; and

(ii) courses provide instruction that leads to student understanding of the nature and disposition of language arts; and

(iii) courses apply the fundamental concepts and skills of language arts; and

(iv) courses provide developmentally appropriate content; and

(v) courses develop skills in reading, writing, listening, speaking, and presentation.

Mathematics

Determined by the local school board and approved by USOE, using the following criteria.

(i) courses are within the field/discipline of mathematics with a significant portion of instruction aligned to mathematics content, principles, knowledge, and skills; and

(ii) courses provide instruction that leads to student understanding of the nature and disposition of mathematics; and

(iii) courses apply the fundamental concepts and skills of mathematics; and

(iv) courses provide developmentally appropriate content; and

(v) courses include the five process skills of mathematics: problem solving, reasoning, communication, connections, and representation.

Science

Determined by the local school board and approved by USOE, using the following criteria.

(i) courses are within the field/discipline of science with a significant portion of instruction aligned to science content, principles, knowledge, and skills; and

(ii) courses provide instruction that leads to student understanding of the nature and disposition of science; and

(iii) courses apply the fundamental concepts and skills of science; and

(iv) courses provide developmentally appropriate content; and

(v) courses include the areas of physical, natural, or applied sciences; and

(vi) courses develop students' skills in scientific inquiry.